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FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision

Total amount of payment

\$1,542.00

FEB 19 2002
PATENT & TRADEMARK OFFICE*Complete if Known*

Application Number	09/690,454
Filing Date	October 18, 2000
First Named Inventor	RUBEN et al.
Examiner Name	Brusca, John S.
Group Art Unit	1631
Attorney Docket Number	PZ006P1C1

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

Charge Any Additional Fee Required

Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status.

See 37 CFR 1.27

2. Payment Enclosed:

 Check Credit Card Money Order Other***FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
101	740	201	370
106	330	206	165
107	510	207	255
108	740	208	370
114	160	214	80
SUBTOTAL (1)		\$0.00	

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	63	39	\$18.00
Independent Claims	14	10	\$84.00
Multiple Dependent			\$280.00

Large Entity

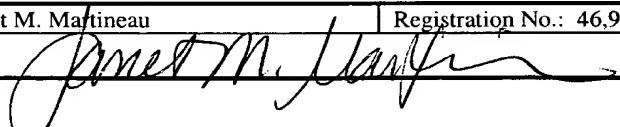
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
103	18	203	9
102	84	202	42
104	280	204	140
108	84	209	42
110	18	210	9
SUBTOTAL (2)		\$1,542.00	

** or number previously paid, if greater; For Reissues, see above

RECEIVEDFEB 27 2002
TECH CENTER 1600/2900**3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late payment filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use hearing	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
145	100	145	100	Certificate of correction	
148	110	248	55	Statutory disclaimer	
561	3	561	3	Printed copy of patent, regular service	
Other fee (specify):					
Other fee (specify):					
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					
\$0.00					

Submitted By

Name (Print/Type) Janet M. Martineau	Registration No.: 46,903	Telephone (301) 315-2723
Signature: 		Date: February 19, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Complete (if applicable)